

Solving Really Tough Equations #1

Solve each equation. Check the solution.

1. $5s + 4 + s = -20$ _____

2. $9(c-2) = 18$ _____

3. $12a - 7 - 5a = 14$ _____

4. $6y - 4 = 2y + 12$ _____

5. $(3x - 2)7 = 5x + 2$ _____

6. $4m + 12 = m - 3$ _____

7. $-2y(3 + 4) = 8y + 12$ _____

8. $4(2 + 3r) = 4$ _____

9. $7c + 5 = 2(3c - 4)$ _____

10. $10d = (8d - 6)2$ _____

11. $3a - 9 = 3(9 - 3a)$ _____

12. $18x = 2(3x + 6)$ _____

13. $6(h - 2) = -6$ _____

14. $11(h - 2) = 6h + 3$ _____

15. $12b - 6 = 6(2 - b)$ _____

16. $7(2d - 3) = 6d + 3$ _____

17. $23 - 2a = 3(a - 4)$ _____

18. $-16 = 8(x - 3)$ _____

19. $-8g + 6 = (6g + 8)2$ _____

20. $34 = -2(4 - 3x)$ _____

21. $10a - 4 = 3(6a - 4)$ _____

22. $7(4 - 2g) = -7g$ _____

23. $2y - 12 = -4(2y - 2)$ _____

24. $6x = -3(2x - 4)$ _____

25. $2(x + 4) = 4(5 - 3x)$ _____

26. $-5h = 2(-2h + 6)$ _____

27. $-4y = 4(5y + 6)$ _____

28. $2 = -(4l - 2)$ _____

29. $-2(f + 1) = -2$ _____

30. $6(d - 1) = 3(d + 5)$ _____

31. $-2g - 10 + 3g = -4$ _____

32. $x = 3(5 + 2x)$ _____